



Main Contractor:

ESTG-Polytechnic Institute of Leiria, Portugal

Participating Institutions:

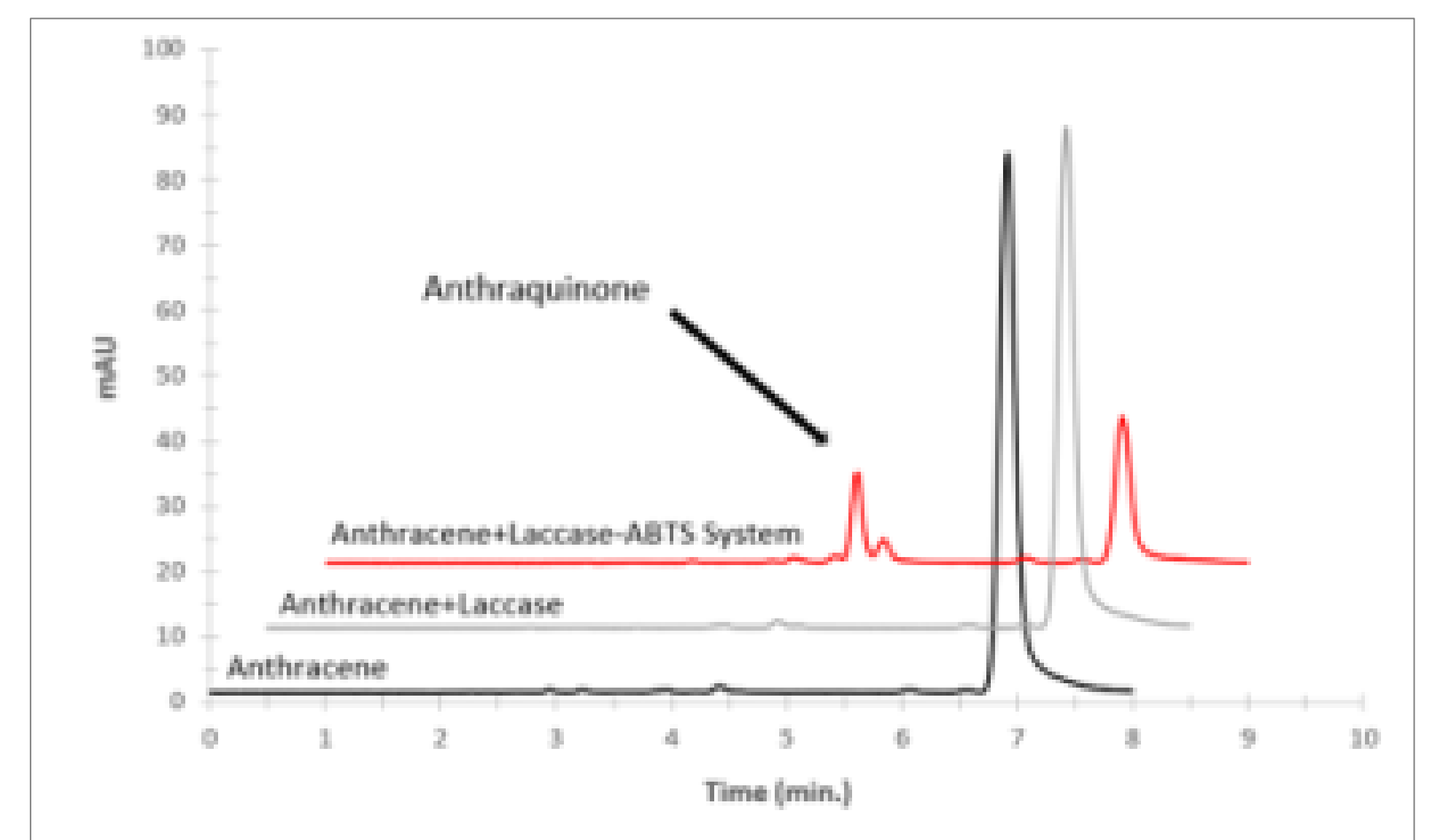
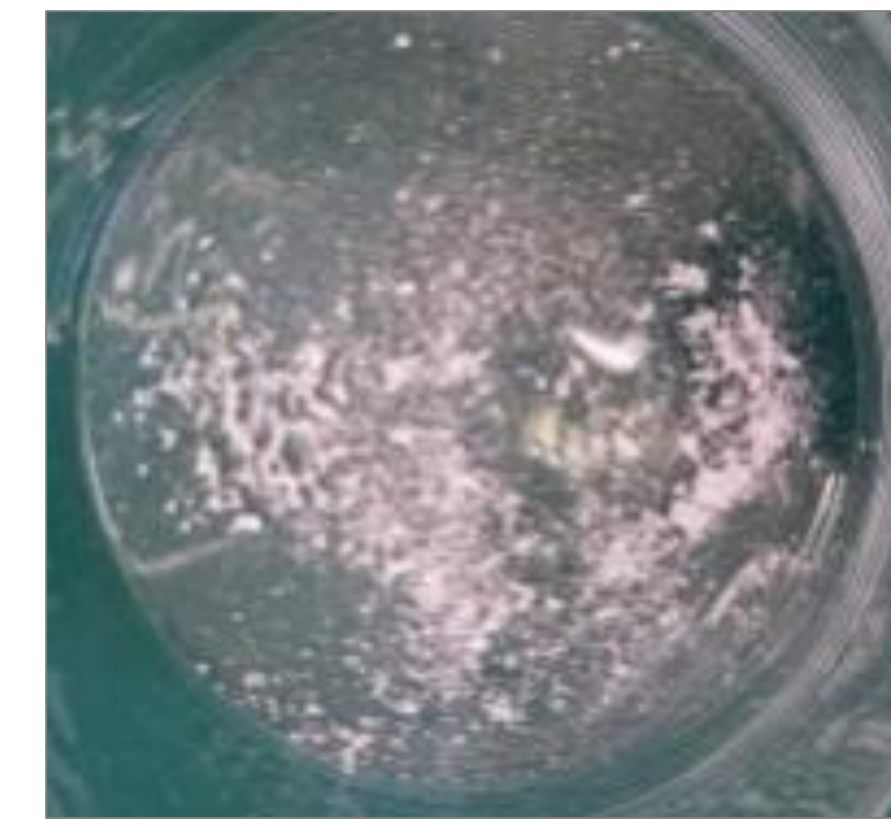
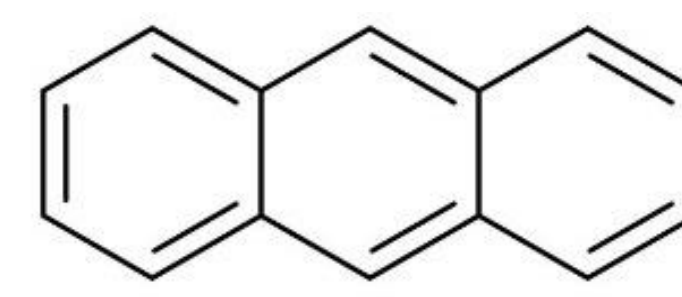
NOVA.ID.FCT - NOVA University of Lisbon, Portugal

CQC - University of Coimbra, Portugal

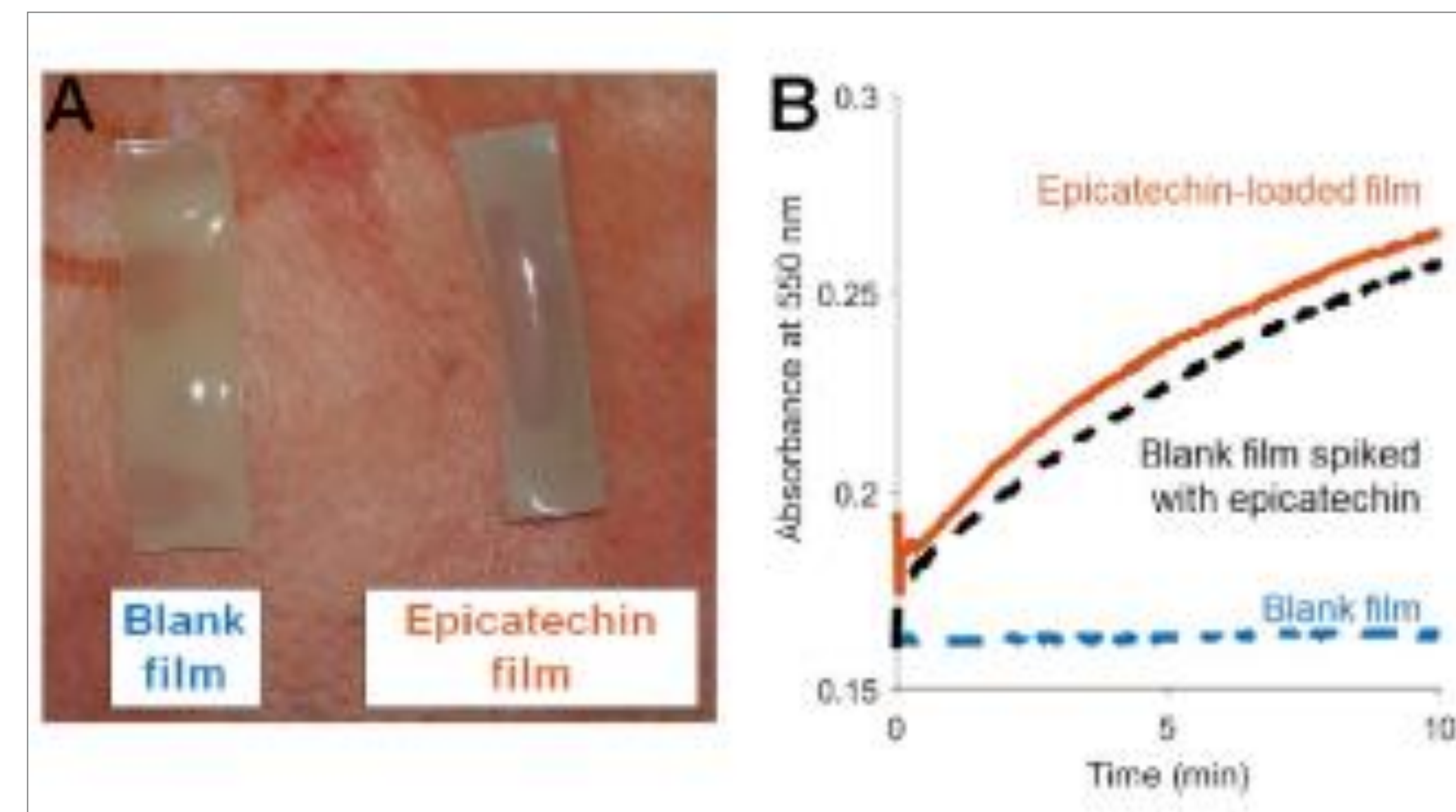
Aims of the Project

Development of biosystems and methods to tackle the increasing concern of polycyclic aromatic hydrocarbons (PAHs) and organophosphorus pesticides (OPs) toxicity in the environment and human health.

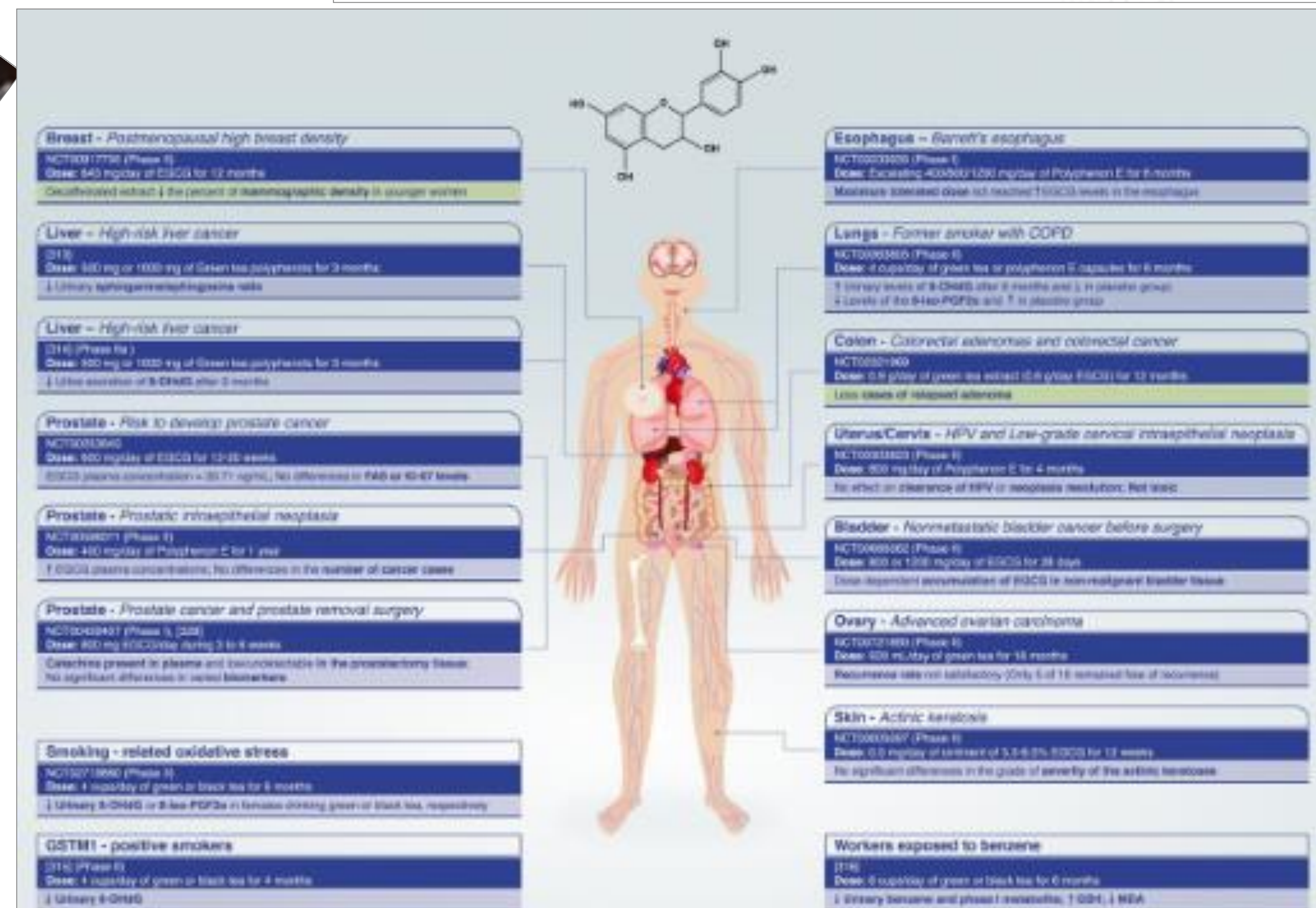
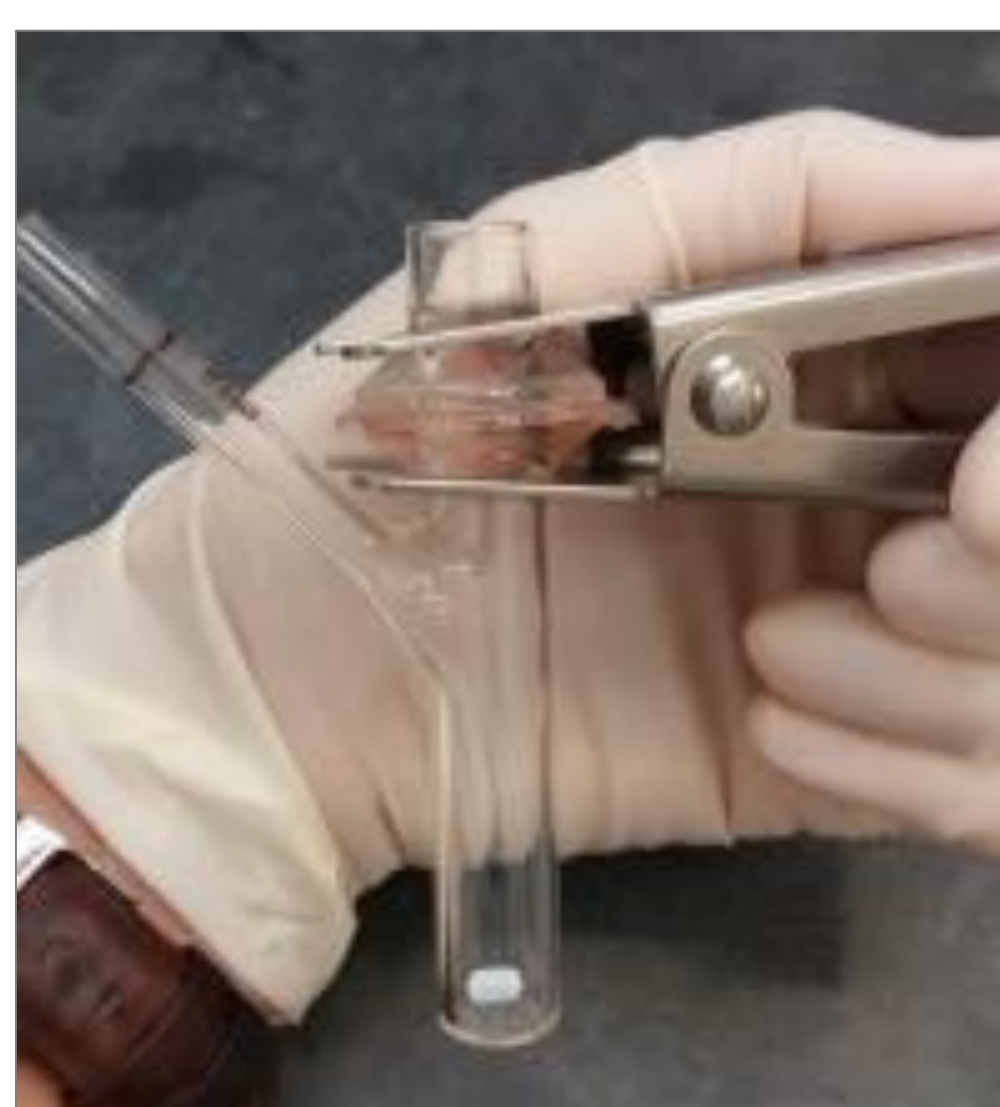
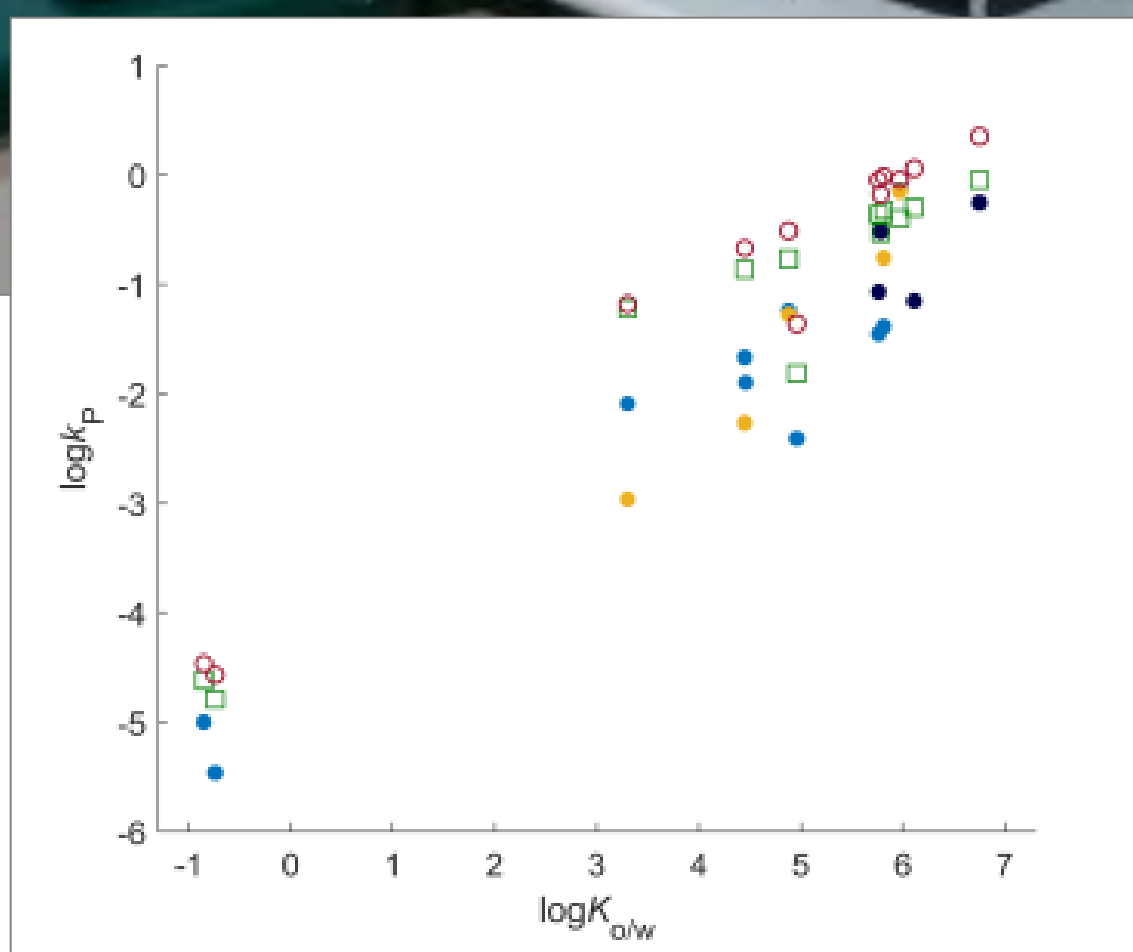
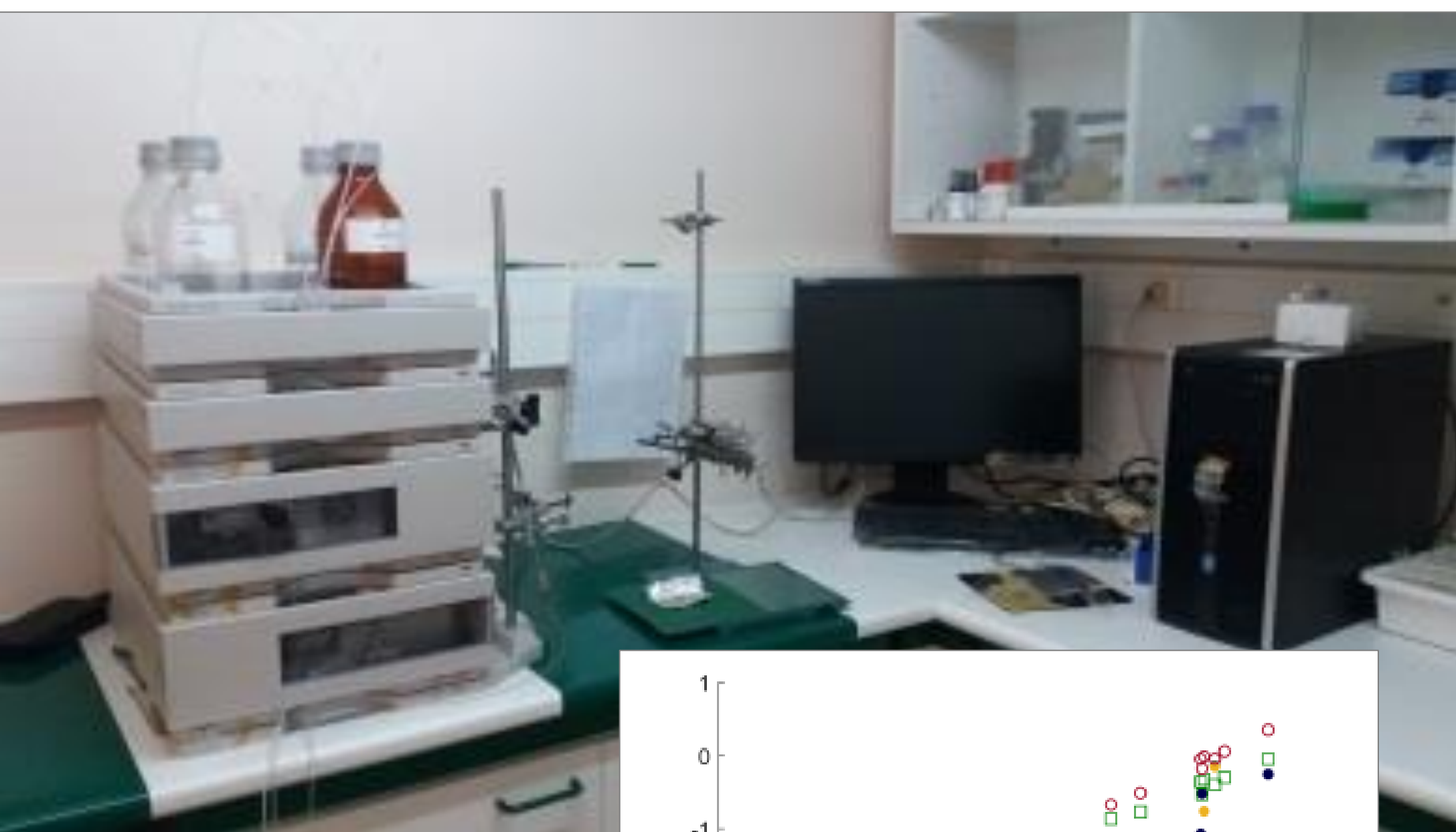
Decontamination - Adsorbent and enzyme-based systems for environmental applications



Protection - Natural compounds and Delivery systems for protective strategies



Toxicological assessment Dermal exposure



Representative publications:

- doi: [10.1016/j.bioactmat.2020.03.012](https://doi.org/10.1016/j.bioactmat.2020.03.012)
- doi: [10.1016/j.semcancer.2020.02.002](https://doi.org/10.1016/j.semcancer.2020.02.002)
- doi: [10.1016/j.etap.2021.103671](https://doi.org/10.1016/j.etap.2021.103671)